

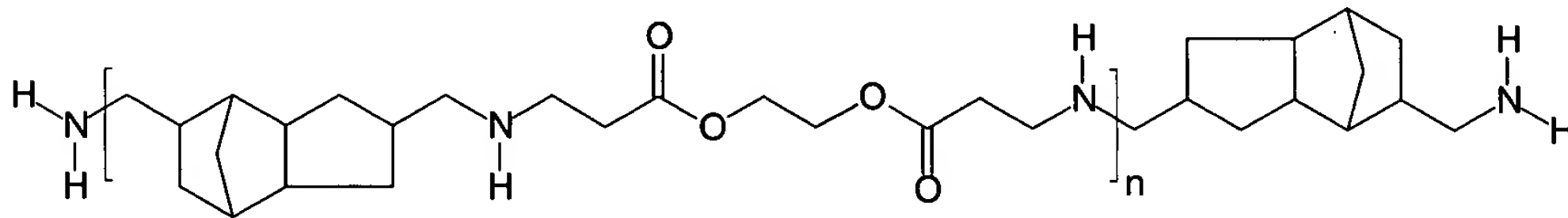
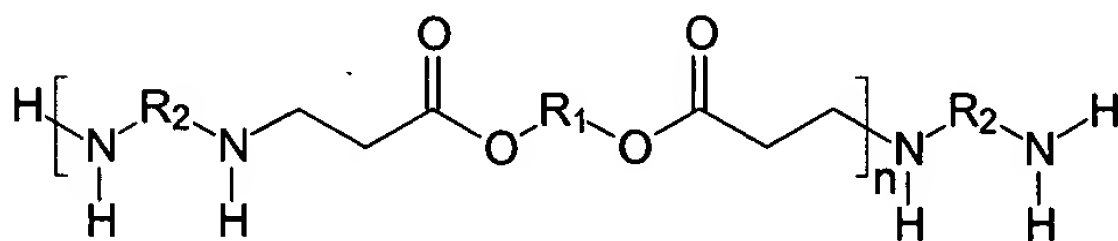
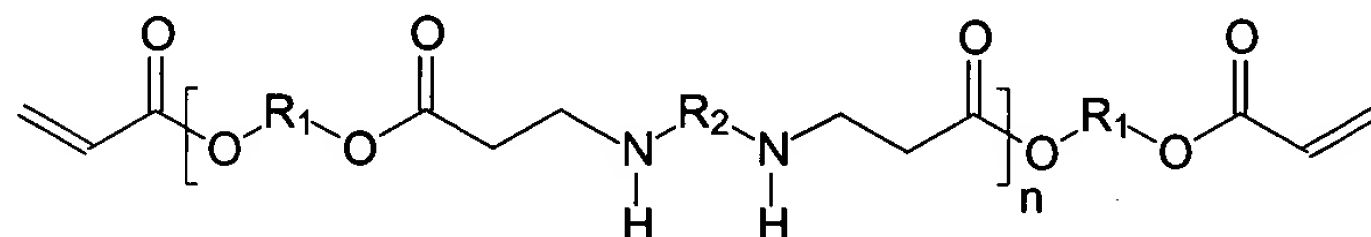
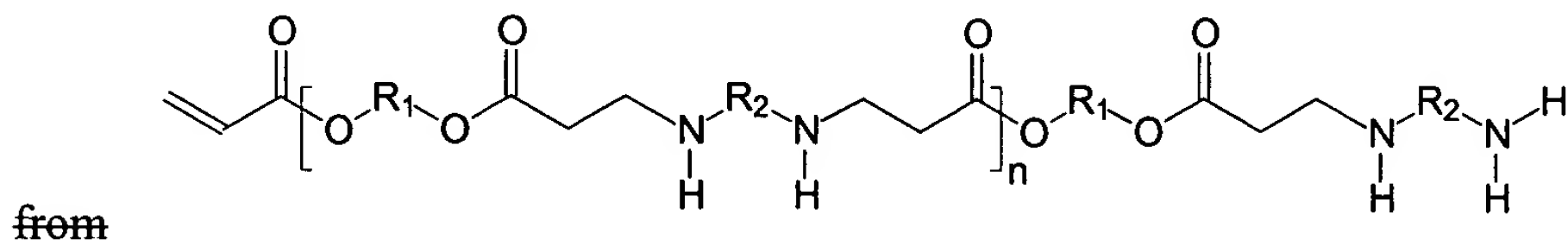
**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

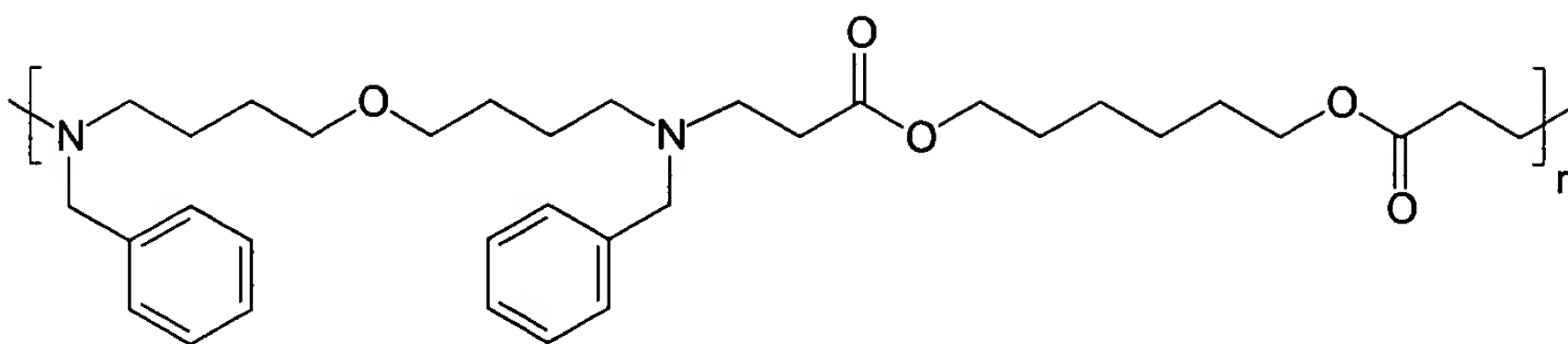
**Listing of Claims:**

Claims 1-10 (canceled)

Claim 11 (currently amended) A dental composition comprising a polymerizable monomer, a polyaminoester, a pigment, a filler, an initiator and a stabilizer wherein said polyaminoester has a formula selected from



and



wherein

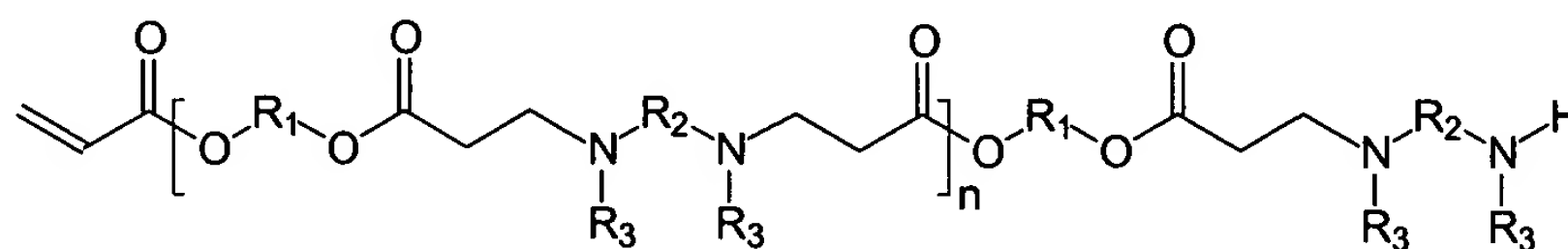
$R_1$  denotes is a difunctional ~~substituted or unsubstituted~~  $C_1$  to  $C_{18}$  alkylene, difunctional ~~substituted or unsubstituted~~ cycloalkylene, difunctional ~~substituted or unsubstituted~~  $C_5$  to  $C_{18}$  arylene or heteroarylene, difunctional ~~substituted or unsubstituted~~  $C_5$  to  $C_{18}$  alkylarylene or alkylheteroarylene, difunctional ~~substituted or unsubstituted~~  $C_7$  to  $C_{30}$  alkylene arylene;

$R_2$  denotes is a difunctional ~~substituted or unsubstituted~~  $C_1$  to  $C_{18}$  alkylene, difunctional ~~substituted or unsubstituted~~ cycloalkylene, difunctional ~~substituted or unsubstituted~~  $C_5$  to  $C_{18}$  arylene or heteroarylene, difunctional ~~substituted or unsubstituted~~  $C_5$  to  $C_{18}$  alkylarylene or alkylheteroarylene, difunctional ~~substituted or unsubstituted~~  $C_7$  to  $C_{30}$  alkylene arylene; and,

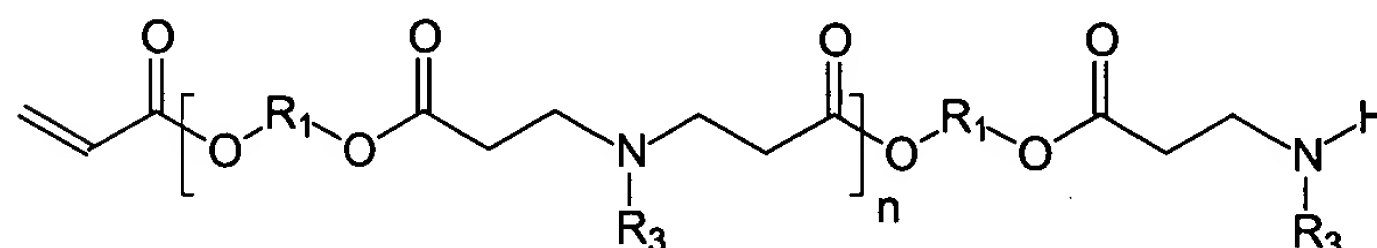
$n$  is an integer.

Claim 12 (canceled)

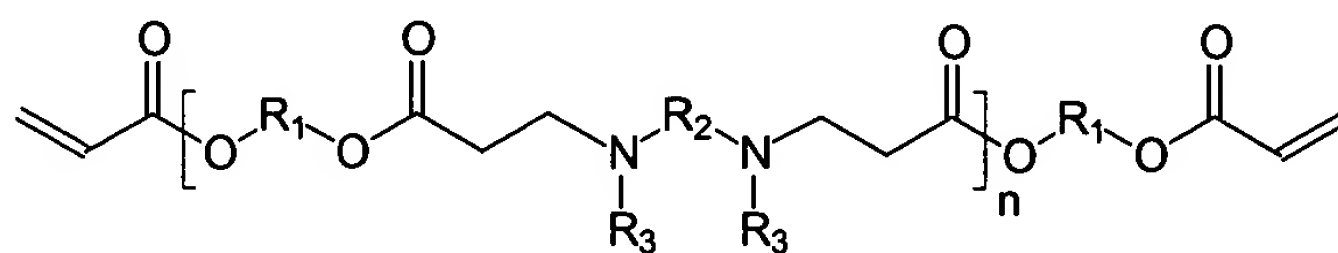
Claim 13 (currently amended) Dental compositions comprising a polymerizable monomer and a polyaminoester selected from formulas 1 to 6, pigments, organic and/or inorganic fillers, initiators and stabilizers; wherein said polyaminoester has the formula selected from



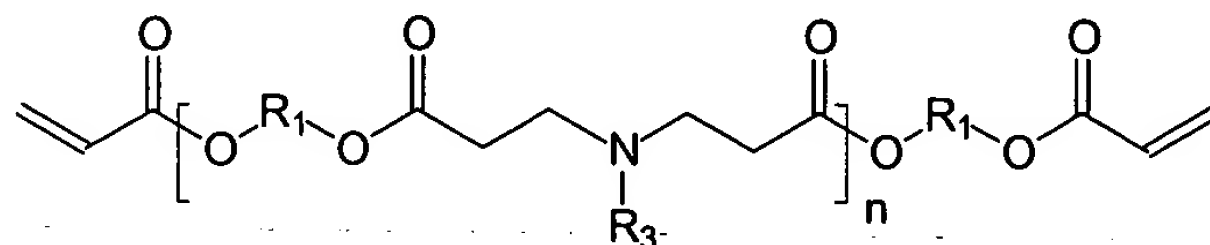
1



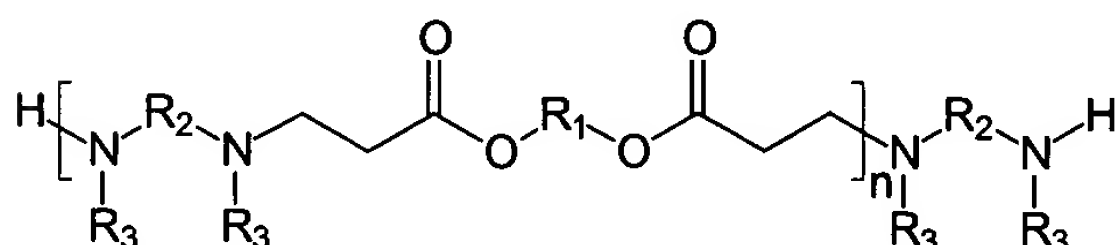
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3

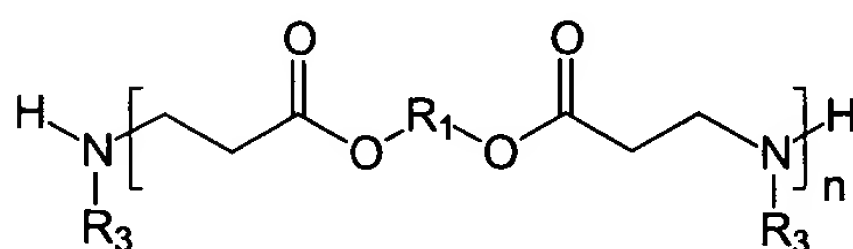


4



5

and



6

wherein

R<sub>1</sub> denotes is a difunctional ~~substituted or unsubstituted~~ C<sub>1</sub> to C<sub>18</sub> alkylene, difunctional ~~substituted or unsubstituted~~ cycloalkylene, difunctional ~~substituted or unsubstituted~~ C<sub>5</sub> to C<sub>18</sub> arylene or heteroarylene, difunctional ~~substituted or unsubstituted~~ C<sub>5</sub> to C<sub>18</sub> alkylarylene or alkylheteroarylene, difunctional ~~substituted or unsubstituted~~ C<sub>7</sub> to C<sub>30</sub> alkylene arylene,

R<sub>2</sub> denotes is a difunctional ~~substituted or unsubstituted~~ C<sub>1</sub> to C<sub>18</sub> alkylene, difunctional ~~substituted or unsubstituted~~ cycloalkylene, difunctional ~~substituted or unsubstituted~~ C<sub>5</sub> to C<sub>18</sub> arylene or heteroarylene, difunctional ~~substituted or unsubstituted~~ C<sub>5</sub> to C<sub>18</sub> alkylarylene or alkylheteroarylene, difunctional ~~substituted or unsubstituted~~ C<sub>7</sub> to C<sub>30</sub> alkylene arylene,

R<sub>3</sub> denotes H or a ~~substituted or unsubstituted~~ C<sub>1</sub> to C<sub>18</sub> alkylene, ~~substituted or unsubstituted~~ cycloalkylene, ~~substituted or unsubstituted~~ C<sub>5</sub> to C<sub>18</sub> arylene or heteroarylene, ~~substituted or unsubstituted~~ C<sub>5</sub> to C<sub>18</sub> alkylarylene or alkylheteroarylene, ~~substituted or unsubstituted~~ C<sub>7</sub> to C<sub>30</sub> alkylene arylene, and

n is an integer; wherein said polyaminoesters are copolymerized with monomers that are usable for step-growth polymerization, with di- or polyepoxides or di- or polyisocyanates.